

## CLAIMS

Sub B1

Thermoplastic polyester compositions not comprising polycarbonate, which comprise, by weight:

- 5 (i) a thermoplastic polyester;  
 (ii) an impact modifier comprising:  
 (a) a core-shell copolymer (A);  
 (b) an ethylene copolymer (B) <sup>Selected</sup> ~~chosen~~ from ethylene-unsaturated carboxylic acid anhydride copolymers (B1), ethylene-unsaturated  
 10 epoxide copolymers (B2) and blends thereof;  
 (iii) the (B)/(A) ratio being between 90/10 and 25/75 for proportions of impact modifier between 2 and 40% in 98 to 60% of polyester, respectively, and advantageously between 5 and 40% in 95 to 60% of polyester, respectively;  
 15 (iv) the (B)/(A) ratio being between 25/75 and 10/90 for proportions of impact modifier between 18 and 40% in 82 to 60% of polyester, respectively.

- 20 <sup>Selected</sup> ~~chosen~~ 2 Compositions according to Claim 1, <sup>wherein</sup> ~~in which~~ the polyester is chosen from PET and PBT.

- 3 Compositions according to Claim 1 ~~or 2~~, comprising up to 30 parts by weight of copolyetherester per 100 parts of thermoplastic polyester.

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- 4 Compositions according to <sup>Claim 1, wherein</sup> ~~any one of the preceding claims,~~ ~~in which~~ the copolymer (A) comprises an elastomer core and at least one thermoplastic shell.

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- 5 Compositions according to <sup>Claim 1, wherein</sup> ~~any one of the preceding claims,~~ ~~in which~~ the copolymers (B1) are ethylene-alkyl (meth)acrylate-maleic anhydride copolymers which comprise from 0.2 to 10% by weight of maleic

anhydride and from 0 to 40%, preferably 5 to 40%, by weight of alkyl (meth)acrylate.

6 Compositions according to ~~any one of Claims 1 to 4~~, <sup>Claim 1 wherein</sup> in which the ethylene-unsaturated epoxide copolymers (B2) are ethylene-alkyl (meth)acrylate-unsaturated epoxide copolymers obtained by copolymerization of the monomers and contain from 0 to 40% by weight of alkyl (meth)acrylate and up to 10% by weight of unsaturated epoxide.

7 Compositions according to ~~any one of the preceding claims~~, <sup>Claim 1 wherein</sup> in which the proportions of (A) and (B) are such that the (B)/(A) ratio is between 90/10 and 70/30 and comprising up to 30 parts of polycarbonate per 100 parts of polyester.

8 Compositions according to ~~any one of the preceding claims~~, <sup>Claim 1</sup> comprising, per 100 parts by weight, 75 to 95 parts of polyester for 25 to 5 parts of impact modifier, respectively.

9 Impact-modifier compositions comprising:

(a) a shell-core copolymer (A);

(b) an ethylene copolymer (B) <sup>Selected</sup> ~~chosen~~ from ethylene-unsaturated carboxylic acid anhydride copolymers (B1), ethylene-unsaturated epoxide copolymers (B2) and blends thereof;

- the (B)/(A) ratio being between 90/10 and 25/75 for proportions of impact modifier between 2 and 40% in 98 to 60% of polyester, respectively, and advantageously between 5 and 40% in 95 to 60% of polyester, respectively;
- the (B)/(A) ratio being between 25/75 and 10/90 for proportions of impact modifier between 18 and 40% in 82 to 60% of polyester, respectively.

Add A6

Add B3

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